

=> s qylyhycvvd/sqep or ylyhycvvd/sqep or lyhycvvd/sqep or qylyhyc/sqep or
ylyhyc/sqep or lyhyc/sqep or qylyhy/sqep or ylyhy/sqep or clyhyc/sqep or
cylyhyc/sqep

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83597 SQL=9
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      1 LYHYCVVD/SQEP
53820 SQL=8
      1 LYHYCVVD/SQEP
      (LYHYCVVD/SQEP AND SQL=8)
      1 QYLYHYC/SQEP
45614 SQL=7
      1 QYLYHYC/SQEP
      (QYLYHYC/SQEP AND SQL=7)
      1 YLYHYC/SQEP
57179 SQL=6
      1 YLYHYC/SQEP
      (YLYHYC/SQEP AND SQL=6)
      1 LYHYC/SQEP
56619 SQL=5
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      (LYHYC/SQEP AND SQL=5)
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57179 SQL=6
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56619 SQL=5
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      3 CLYHYC/SQEP
57179 SQL=6
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45614 SQL=7
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      CLYHYC/SQEP OR CYLYHYC/SQEP
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53820 SQL=8
      1 KQYLYHYD/SQEP
      (KQYLYHYD/SQEP AND SQL=8)
      2 YLYHY/SQEP
56619 SQL=5
      2 YLYHY/SQEP
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      2 QYLYHY/SQEP
57179 SQL=6
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2 QYLYHY/SQEP
 (QYLYHY/SQEP AND SQL=6)
2 KLYHYD/SQEP
57179 SQL=6
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 KLYHYD/SQEP

FILE 'REGISTRY' ENTERED AT 15:53:54 ON 21 MAR 2004

L4 17 S QYLYHYCVVD/SQEP OR YLYHYCVVD/SQEP OR LYHYCVVD/SQEP OR QYLYHYC
L5 9 S CQYLYHYC/SQEP OR KQYLYHYD/SQEP OR YLYHY/SQEP OR QYLYHY/SQEP O

FILE 'CAPLUS' ENTERED AT 15:56:28 ON 21 MAR 2004

=> s 14 or 15

10 L4

2 L5

L6 10 L4 OR L5

L6 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2004:20807 CAPLUS
 DN 140:99589
 TI Use of peptides derived from junctional adhesion molecules to permeabilize
 mucosa for improved efficiency of mucosal delivery of therapeutic
 compounds
 IN Quay, Steven C.
 PA Natestch Pharmaceutical Company, Inc., USA
 SO PCT Int. Appl., 426 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004003145	A2	20040108	WO 2003-US19994	20030624
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				
	CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,				
	GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,				
	LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,				
	PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA,				
	UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,				
	CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC,				
	NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ,				
	GW, ML, MR, NE, SN, TD, TG				

PRAI US 2002-392512P P 20020628

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	642457-44-1	642457-48-5	642457-49-6	642457-55-4	642457-62-3
	642457-63-4	642457-64-5	642457-65-6	643103-11-1	643103-12-2
	643103-13-3				

RL: BSU (Biological study, unclassified); PRP (Properties); THU
 (Therapeutic use); BIOL (Biological study); USES (Uses)
 (amino acid sequence, permeability increasing peptide from cell
 junction adhesion mol.; use of peptides derived from junctional
 adhesion mols. to permeabilize mucosa for improved efficiency of
 mucosal delivery of therapeutic compds.)

IT	178493-57-7	185542-00-1	220408-24-2	222169-83-7	
	267423-35-8	267423-43-8	267425-47-8	267426-22-2	267426-62-0
	267427-32-7	357656-38-3	357656-41-8	642447-37-8	642447-40-3
	642447-42-5	642447-44-7	642447-46-9	642447-48-1	642447-51-6
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642452-24-2				

RL: PRP (Properties)

(unclaimed sequence; use of peptides derived from junctional adhesion
mols. to permeabilize mucosa for improved efficiency of mucosal
delivery of therapeutic compds.)

L6 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2004:20427 CAPLUS
DN 140:99587
TI Compositions and method for enhanced mucosal delivery of interferon- β
IN Quay, Steven C.; Gupta, Malini; De Meireles, Jorge C.; Abd, El-Shafy
Mohammed
PA Nastech Pharmaceutical Company Inc., USA
SO PCT Int. Appl., 353 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004002404	A2	20040108	WO 2003-US19261	20030618
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	US 2004037809	A1	20040226	US 2003-462452	20030616
PRAI	US 2002-393066P	P	20020628		
IT	185542-00-1	222169-83-7	231282-34-1	267423-35-8	
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642452-05-9				

RL: PRP (Properties)

(unclaimed sequence; compns. and method for enhanced mucosal delivery of interferon- β)

L6 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2003:686054 CAPLUS
 DN 139:376893
 TI Identification of an occludin cell adhesion recognition sequence. [Erratum to document cited in CA137:365090]
 AU Blaschuk, Orest W.; Oshima, Tadayuki; Sasaki, Makoto; Gour, Barbara J.; Symonds, J. Matthew; Park, Jae H.; Kevil, Christopher G.; Trocha, Steven D.; Michaud, Stephanie; Okayama, Naotsuka; Elrod, John W.; Alexander, J. Steven
 CS Department of Surgery, Division of Urology, Royal Victoria Hospital, Montreal, QC, Can.
 SO Inflammation (New York, NY, United States) (2002), 26(6), 321
 CODEN: INFLD4; ISSN: 0360-3997

PB Kluwer Academic/Plenum Publishers
 DT Journal
 LA English
 IT **222169-83-7**
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (identification of occludin cell adhesion recognition sequence
 (Erratum))

IT **475503-56-1P** 475503-57-2P
 RL: BSU (Biological study, unclassified); SPN (Synthetic preparation);
 BIOL (Biological study); PREP (Preparation)
 (identification of occludin cell adhesion recognition sequence
 (Erratum))

L6 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2003:567564 CAPLUS
 DN 139:275671
 TI Tight junction peptide antagonists enhance neutrophil trans-endothelial
 chemotaxis
 AU Oshima, Tadayuki; Blaschuk, Orest; Gour, Barbara; Symonds, Matt; Elrod,
 John W.; Sasaki, Makoto; Jackson, T. Haller; Alexander, J. Steven
 CS Department of Molecular and Cellular Physiology, Louisiana State
 University Health Sciences Center, Shreveport, LA, 71130-3932, USA
 SO Life Sciences (2003), 73(13), 1729-1740
 CODEN: LIFSAK; ISSN: 0024-3205
 PB Elsevier Science Inc.
 DT Journal
 LA English

RE.CNT 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

IT **231282-26-1**
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (tight junction peptide antagonists enhance neutrophil
 trans-endothelial chemotaxis)

L6 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2002:556425 CAPLUS
 DN 137:365090
 TI Identification of an Occludin Cell Adhesion Recognition Sequence
 AU Blaschuk, Orest W.; Oshima, Tadayuki; Gour, Barbara J.; Symonds, J.
 Matthew; Park, Jae H.; Kevil, Christopher G.; Trocha, Steven D.; Michaud,
 Stephanie; Okayama, Naotsuka; Elrod, John W.; Alexander, J. Steven
 CS Department of Surgery, Division of Urology, Royal Victoria Hospital,
 Montreal, QC, Can.
 SO Inflammation (New York, NY, United States) (2002), 26(4), 193-198
 CODEN: INFLD4; ISSN: 0360-3997
 PB Kluwer Academic/Plenum Publishers
 DT Journal
 LA English

RE.CNT 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

IT **222169-83-7**
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (identification of an occludin cell adhesion recognition sequence)

IT **475503-56-1P** 475503-57-2P
 RL: BSU (Biological study, unclassified); SPN (Synthetic preparation);
 BIOL (Biological study); PREP (Preparation)
 (identification of an occludin cell adhesion recognition sequence)

L6 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2002:385000 CAPLUS
 DN 136:380138
 TI Compounds and methods for modulating junctional adhesion molecule-mediated

functions
 IN Blaschuk, Orest W.; Symonds, James Matthew; Gour, Barbara J.
 PA Adherex Technologies, Inc., Can.
 SO U.S., 26 pp.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6391855	B1	20020521	US 1999-324541	19990602
	US 2003027761	A1	20030206	US 2002-119537	20020408
PRAI	US 1999-324541	A3	19990602		

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

IT 73205-86-4 143304-79-4 175294-45-8 **222169-83-7** 222169-86-0
 231282-25-0 231282-43-2 249636-29-1 250741-68-5 267423-25-6
 427885-44-7 427885-45-8

RL: PRP (Properties)
 (unclaimed sequence; compds. and methods for modulating junctional
 adhesion mol.-mediated functions)

L6 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2001:10082 CAPLUS
 DN 134:80834
 TI Cyclic peptides and methods for modulating cell adhesion
 IN Blaschuk, Orest W.; Gour, Barbara J.
 PA McGill University, Can.
 SO U.S., 80 pp., Cont.-in-part of U.S. 6,031,072.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 14

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6169071	B1	20010102	US 1997-996679	19971223
	US 6031072	A	20000229	US 1997-893534	19970711
	US 6207639	B1	20010327	US 1998-115395	19980714
	WO 9933875	A1	19990708	WO 1998-CA1207	19981223
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM					
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG					
AU	9918664	A1	19990719	AU 1999-18664	19981223
US	6346512	B1	20020212	US 1999-248074	19990210
US	6562786	B1	20030513	US 1999-248015	19990210
US	6333307	B1	20011225	US 1999-250059	19990212
US	6417325	B1	20020709	US 1999-357717	19990720
US	6465427	B1	20021015	US 1999-458870	19991210
US	6610821	B1	20030826	US 2000-544782	20000407
US	2003087811	A1	20030508	US 2002-58821	20020129
US	2003065136	A1	20030403	US 2002-105008	20020322
US	2003224978	A1	20031204	US 2003-359546	20030204
PRAI	US 1996-21612P	P	19960712		
	US 1997-893534	A2	19970711		
	US 1997-996679	A2	19971223		
	US 1998-115395	A2	19980714		
WO	1998-CA1207	W	19981223		

US 1999-248015 A1 19990210
US 1999-248074 A2 19990210
US 1999-357717 A2 19990720
US 1999-458870 A2 19991210

RE.CNT 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

IT 4248-64-0 27686-49-3 110590-64-2 113326-33-3 143304-79-4
170032-25-4 202528-03-8 202528-15-2 **222169-83-7**
222169-86-0 229971-60-2 229971-61-3 229971-64-6 229971-65-7
229971-67-9 229971-68-0 229971-70-4 229971-72-6 229971-78-2
231282-25-0 250268-78-1 313052-61-8 317320-03-9 317320-04-0
317320-05-1 317320-06-2 317320-07-3 317320-08-4 317320-09-5
317320-10-8 317320-11-9 317320-12-0 317320-13-1 317320-14-2
317320-15-3 317320-16-4 317320-17-5 317320-18-6 317320-19-7
317320-20-0 317320-21-1 317320-22-2 317320-23-3 317320-24-4
317320-25-5

RL: PRP (Properties)
(unclaimed sequence; cyclic peptides and methods for modulating cell
adhesion)

L6 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2000:606799 CAPLUS
DN 133:203021
TI Compounds and methods for modulating tissue permeability
IN Blaschuk, Orest W.; Symonds, James Matthew; Gour, Barbara J.
PA Adherex Technologies Inc., Can.
SO U.S., 48 pp., Cont.-in-part of U.S. Ser. No. 1,511.
CODEN: USXXAM

DT Patent
LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	US 6110747	A	20000829	US 1998-222373	19981229
	US 6248864	B1	20010619	US 1997-1511	19971231
	US 6310177	B1	20011030	US 2000-510616	20000222
PRAI	US 1997-1511	A2	19971231		

OS MARPAT 133:203021

RE.CNT 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

IT 50-56-6, Oxytocin, properties 174412-88-5 **231282-29-4**
231282-32-9 231282-43-2 231282-44-3 231282-45-4
231282-46-5 **289914-97-2** **289914-98-3** 289914-99-4
289915-00-0 289915-01-1 289915-02-2 289915-03-3 289915-05-5

RL: PRP (Properties)
(Unclaimed; compds. and methods for modulating tissue permeability)

IT **222169-83-7** **231282-26-1** **231282-27-2**
231282-28-3 **231282-30-7** **231282-31-8**
231282-34-1 **231282-35-2** **231282-36-3**
231282-37-4 **231282-39-6** **231282-40-9**
231282-41-0 **231282-48-7** **231282-49-8**
289031-61-4 289031-63-6 **289031-67-0**

RL: BAC (Biological activity or effector, except adverse); BSU (Biological
study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES
(Uses)

(compds. and methods for modulating tissue permeability by modulating
occludin-mediated cell adhesion applied to vascular endothelial
adhesion and permeability)

L6 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1999:454259 CAPLUS
DN 131:97621

TI Compounds and methods for modulating occludin-related tissue permeability
IN Blaschuk, Orest W.; Gour, Barbara J.
PA Adherex Technologies, Can.
SO PCT Int. Appl., 138 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9935166	A1	19990715	WO 1998-CA1208	19981230
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	US 6248864	B1	20010619	US 1997-1511	19971231
	CA 2351624	AA	19990715	CA 1998-2351624	19981230
	AU 9918665	A1	19990726	AU 1999-18665	19981230
	AU 764790	B2	20030828		
	EP 1042365	A1	20001011	EP 1998-963311	19981230
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	JP 2002509073	T2	20020326	JP 2000-527561	19981230
	US 6310177	B1	20011030	US 2000-510616	20000222
PRAI	US 1997-1511	A	19971231		
	WO 1998-CA1208	W	19981230		

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

IT 60961-76-4 99896-85-2 132151-24-7 143113-41-1 157535-09-6
175177-02-3 175177-14-7 175177-70-5 204644-26-8 222169-83-7
222169-83-7D, derivs. 231282-25-0D, derivs. 231282-26-1
231282-26-1D, derivs. 231282-27-2 231282-27-2D
, derivs. 231282-28-3 231282-28-3D, derivs.
231282-29-4 231282-29-4D, derivs. 231282-30-7
231282-30-7D, derivs. 231282-31-8 231282-31-8D
, derivs. 231282-32-9 231282-32-9D, derivs.
231282-34-1 231282-34-1D, derivs. 231282-35-2
231282-35-2D, derivs. 231282-36-3 231282-36-3D
, derivs. 231282-37-4 231282-37-4D, derivs.
231282-39-6 231282-39-6D, derivs. 231282-40-9
231282-40-9D, derivs. 231282-41-0 231282-41-0D
, derivs. 231282-43-2 231282-44-3 231282-45-4 231282-46-5
231282-47-6 231282-48-7 231282-49-8

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(comps. and methods for modulating occludin-related cell adhesion and tissue permeability)

L6 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1999:233936 CAPLUS
DN 130:266373
TI Compounds and methods for regulating cell adhesion
IN Blaschuk, Orest W.; Gour, Barbara J.
PA Adherex Inc., Can.
SO PCT Int. Appl., 148 pp.
CODEN: PIXXD2

DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9916791	A2	19990408	WO 1998-CA902	19980929
	WO 9916791	A3	19990520		
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	US 6203788	B1	20010320	US 1997-939853	19970929
	AU 9892483	A1	19990423	AU 1998-92483	19980929
	US 2003013655	A1	20030116	US 2001-778026	20010205
PRAI	US 1997-939853	A	19970929		
	WO 1998-CA902	W	19980929		
IT	99896-85-2	110590-64-2	117058-06-7, R-A1	127650-09-3	143304-79-4
	164300-50-9	175294-44-7	175294-45-8	175294-46-9	183788-96-7
	222169-79-1	222169-80-4	222169-81-5	222169-82-6	222169-83-7
	222169-84-8	222169-85-9	222169-86-0	222169-87-1	222169-88-2
	222169-89-3	222169-90-6	222311-36-6, 196-243-Occludin (human)		
	RL:	BSU (Biological study, unclassified); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)			
		(antibodies or fragments for regulating cadherin-mediated cell adhesion, CNS or skin drug delivery and treating demyelinating diseases, multiple sclerosis, tumor, wound healing, spinal cord injury, surgery injury, and inflammation)			